SMCWEBS-N

Wireless AP

Product Overview

The SMCWEBS-N is an all-in-one networking solution for connecting and sharing your high speed cable/xDSL internet connection. This multi-functional broadband AP combines a 4-port 10/100Mbps LAN switch, a 300Mbps high speed Wireless-N (802.11n) access point, and a user friendly web-based interface in one convenient device.

SMCWEBS-N is Wi-Fi certified n for full compliance with 802.11n standards, providing up to 300Mbps high speed wireless connection. With security being a key consideration, SMCWEBS-N supports the latest WPA and WPA2 wireless encryption standards, which prevent unauthorized access to wireless networks.

Key Features and Benefits

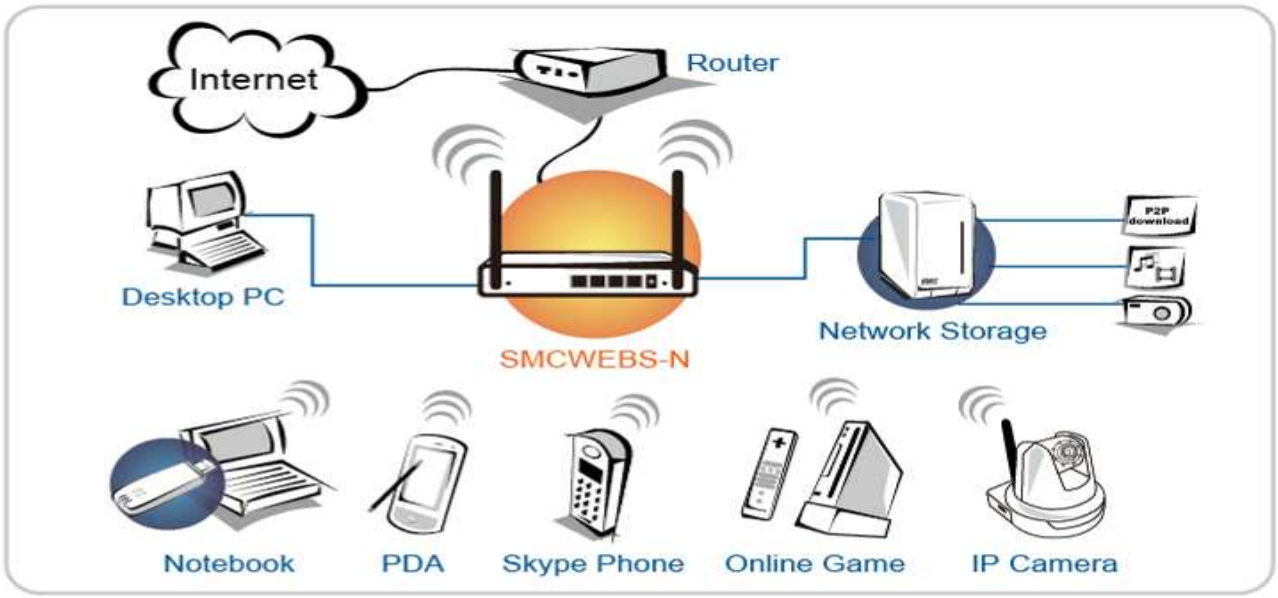
Advanced, Robust Security

Wireless security is comprehensive and includes WPA/WPA2 PSK and Enterprise as well as a WPS button to provide the ultimate convenience for one touch secure connectivity.

Feature Rich

The SMCWEBS-N provides a multitude of features for the most demanding network requirement including Wireless Distribution System (WDS), Dual SSIDs, Quality of Service (QoS) and more.

Application Diagram



Features

PHYSICAL
- 4-port 10/100Mbps LAN switch
- Two external detachable 2dBi antennas
- WPS button
- Reset button

MANAGEMENT FEATURES
- Web based management interface (HTTP)
- Firmware upgrade via web-interface
- Time synchronize
- UPnP
- LED indicators:
  - Power
  - LAN (Ethernet Link/Activity)
  - WLAN (Wireless Link/ Activity)
  - WPS (WPS in progress)

SECURITY FEATURES
- Access Control
- MAC, IP and Port filter
- SSID Broadcast disable
- Wireless MAC address filtering
- WEP 64-/128-Bit Encryption
- WPA-/WPA2-PSK (Pre-shared Key) , AES, TKIP
- WPA-/WPA2 Enterprise mode (802.1x)
- WiFi Protected Setup (WPS), PIN and PBC methods

TX Output Power (Typical)
- 802.11n: 17 +/- 1 dBm
- 802.11g: 17 +/- 1 dBm
- 802.11b: 20 +/- 1 dBm

STANDARDS
- Wired: IEEE 802.3 (10Base-T)
  IEEE 802.3u (100Base-TX)
- Wireless: IEEE 802.11b
  IEEE 802.11g
  IEEE 802.11n (draft 2.0)

OPERATING FREQUENCY
- FCC: 2412~2462MHz (Ch1~Ch11)
- ETSI: 2412~2472MHz (Ch1~Ch13)
- Japan: 2412~2484MHz (Ch1~Ch14)

TEMPERATURE
- Operating: 0ºC to 40ºC (32ºF to 104ºF)
- Storage: -20ºC to 60ºC (-4ºF to 140ºF)

HUMIDITY
- Operating: 10% to 85% Non-Condensing
- Storage: 5% to 90% Non-Condensing

DIMENSIONS
- (L)184.17*(W)137*(H)34.6mm

WEIGHT
- 255g

POWER REQUIREMENTS
- Input Voltage: 100V AC to 240V AC, 50 / 60Hz
- Output Power: 5V DC, 2A

COMPLIANCE
- FCC Part 15B Class B, Part 15C 15.247, 15.207 (2.4 GHz)
- EN 55022
- EN 55024
- EN61000-3-2, EN61000-3-3
- EN 300 328, EN 301 489-1, EN 301 489-17

SYSTEM REQUIREMENTS
- Broadband (Cable/xDSL) Internet service and modem with Ethernet connection.
- 2.4GHz 802.11n draft wireless adapter or 2.4GHz 802.11b/g wireless adapter installed on each PC. Alternatively an Ethernet adapter may be used.
- Internet Explorer 5.5 or above, Mozilla Firefox 1.0 or above

PACKAGE CONTENTS
- SMCWEBS-N
- 5V, 2A power adapter
- RJ45 cable (1m)
- Quick Installation Guide
- Warranty information card

WARRANTY
Please check www.smc.com for the warranty terms in your country/region

Contact

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